

**MONITORING OF STERILANT APPARATUS AND METHOD FOR
MONITORING STERILANT**

Abstract of the Disclosure

An apparatus for monitoring the concentration of an oxidative gas or vapor includes a chemical substance which reacts with the oxidative gas or vapor to produce a heat change. A temperature probe is coupled to the chemical substance and adapted to respond to the heat change. The temperature probe can be coupled to the chemical substance by a carrier, and can include a reference temperature probe. Additionally, a method of using the apparatus is described, as well as a sterilization system which utilizes the apparatus.

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